

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082624AL\
 Data File : FE049768.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2024 20:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2024
 Supervised By :Ankita Jodhani 08/27/2024

Integration File: autoint1.e
 Quant Time: Aug 27 01:22:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 Qlast Update : Wed Aug 14 11:05:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.887	3030609	18.741 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	13.322	2324478	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.274	2812515	18.174 ug/ml
2) T n-Decane (C10)	4.525	2902191	18.381 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2993774	18.658 ug/ml
4) T n-Dodecane (C12)	6.692	2921382	18.583 ug/ml
5) T A~2-methylnaphthalene...	7.329	2824984	18.864 ug/ml
6) T n-Tetradecane (C14)	8.520	2879570	18.652 ug/ml
7) T n-Hexadecane (C16)	10.126	2933189	18.781 ug/ml
8) T n-Octadecane (C18)	11.568	2944961	18.751 ug/ml
10) T n-Eicosane (C20)	12.876	2813587	18.844 ug/ml
11) T n-Heneicosane (C21)	13.488	2761549	18.825 ug/ml
13) T n-Docosane (C22)	14.073	2734881	18.764 ug/ml
14) T n-Tetracosane (C24)	15.175	2746500	18.881 ug/ml
15) T n-Hexacosane (C26)	16.194	2713297	18.800 ug/ml
16) T n-Octacosane (C28)	17.145	2774956	19.265 ug/mlm
17) T n-Tricontane (C30)	18.031	3035017	20.273 ug/ml
18) T n-Dotriacontane (C32)	18.862	3099328	20.487 ug/ml
19) T n-Tetratriacontane (C34)	19.646	3109010	20.336 ug/ml
20) T n-Hexatriacontane (C36)	20.385	3103296	20.436 ug/ml
21) T n-Octatriacontane (C38)	21.114	3228772	20.572 ug/mlm
22) T n-Tetracontane (C40)	22.008	2739374	17.942 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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